

# Semi-rotary actuator DRQD-B-20-180-P1J-A-AL-FW

Part number: 1177955  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



## Data sheet

Feature	Value
Size	20
Setting range of swivel angle on both sides	-180 /+ 6 deg
Swivel angle	180 deg
Cushioning	P1J: Adjustable elastomer cushioning
Assembly position	Any
Design structure	Rack and pinion
Max. number of intermediate positions	1
Position detection	For proximity sensor
Working pressure	3 ... 10 bar
Max. swivel frequency at 6 bar	2.2 Hz
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	3.1 Nm
Permissible mass moment of inertia	0.035 kgm <sup>2</sup>
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for drive shaft	Heat-treatment steel
Materials information for cover	Aluminum
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum